

## Refine Search

### Search Results -

Terms	Documents
L31 and L7	0

Database:

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 JPO Abstracts Database  
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Search:

L32

Refine Search

Recall Text

Clear

Interrupt

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**Set Name Query**  
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**Hit Count Set Name**  
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<a href="#">L32</a>	L31 and L7	0	<a href="#">L32</a>
<a href="#">L31</a>	L29 and L2	24	<a href="#">L31</a>
<a href="#">L30</a>	L29 and L3	0	<a href="#">L30</a>
<a href="#">L29</a>	709/217-219.ccls.	9116	<a href="#">L29</a>
<a href="#">L28</a>	L27 and L7	0	<a href="#">L28</a>
<a href="#">L27</a>	L25 and L2	339	<a href="#">L27</a>
<a href="#">L26</a>	L25 and L3	0	<a href="#">L26</a>
<a href="#">L25</a>	709/\$.ccls.	50392	<a href="#">L25</a>
<a href="#">L24</a>	L23 and L3	0	<a href="#">L24</a>
<a href="#">L23</a>	715/514-515.ccls.	690	<a href="#">L23</a>
<a href="#">L22</a>	(L20 or L21) and L3	1	<a href="#">L22</a>
<a href="#">L21</a>	715/\$.ccls.	27971	<a href="#">L21</a>
<a href="#">L20</a>	707/\$.ccls.	39868	<a href="#">L20</a>
<a href="#">L19</a>	L18 and (extend\$3 with branch)	2	<a href="#">L19</a>

<u>L18</u>	L17 and test\$3	5	<u>L18</u>
<u>L17</u>	L16 not L13	5	<u>L17</u>
<u>L16</u>	L15 and relationship	6	<u>L16</u>
<u>L15</u>	L14 and extend\$3	10	<u>L15</u>
<u>L14</u>	L12 and (creat\$3 with node)	12	<u>L14</u>
<u>L13</u>	L12 and (creat\$3 near node)	3	<u>L13</u>
<u>L12</u>	L11 and (property or properties)	19	<u>L12</u>
<u>L11</u>	L10 and (parent or child)	19	<u>L11</u>
<u>L10</u>	L2 and L7	34	<u>L10</u>
<u>L9</u>	L3 and L7	0	<u>L9</u>
<u>L8</u>	L6 and L7	0	<u>L8</u>
<u>L7</u>	(property or properties) with test\$3	121320	<u>L7</u>
<u>L6</u>	L5 and payload	22	<u>L6</u>
<u>L5</u>	L1 and L2	181	<u>L5</u>
<u>L4</u>	L1 and L2 and L3	0	<u>L4</u>
<u>L3</u>	path\$1 near lenght	39	<u>L3</u>
<u>L2</u>	travers\$3 with path\$1 with node\$1	2201	<u>L2</u>
<u>L1</u>	XML or (extensible near markup near language)	40646	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L18 and (extend\$3 with branch)	2

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 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
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Search:

L19

Refine Search

Recall Text

Clear

Interrupt

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**Set Name Query**  
 side by side

**Hit Count Set Name**  
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L19</u>	L18 and (extend\$3 with branch)	2	<u>L19</u>
<u>L18</u>	L17 and test\$3	5	<u>L18</u>
<u>L17</u>	L16 not L13	5	<u>L17</u>
<u>L16</u>	L15 and relationship	6	<u>L16</u>
<u>L15</u>	L14 and extend\$3	10	<u>L15</u>
<u>L14</u>	L12 and (creat\$3 with node)	12	<u>L14</u>
<u>L13</u>	L12 and (creat\$3 near node)	3	<u>L13</u>
<u>L12</u>	L11 and (property or properties)	19	<u>L12</u>
<u>L11</u>	L10 and (parent or child)	19	<u>L11</u>
<u>L10</u>	L2 and L7	34	<u>L10</u>
<u>L9</u>	L3 and L7	0	<u>L9</u>
<u>L8</u>	L6 and L7	0	<u>L8</u>
<u>L7</u>	(property or properties) with test\$3	121320	<u>L7</u>
<u>L6</u>	L5 and payload	22	<u>L6</u>

<u>L5</u>	L1 and L2	181	<u>L5</u>
<u>L4</u>	L1 and L2 and L3	0	<u>L4</u>
<u>L3</u>	path\$1 near lenght	39	<u>L3</u>
<u>L2</u>	travers\$3 with path\$1 with node\$1	2201	<u>L2</u>
<u>L1</u>	XML or (extensible near markup near language)	40646	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L3 and L7	0

Database:

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 US OCR Full-Text Database  
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Search:

L9

Refine Search

Recall Text

Clear

Interrupt

### Search History

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**Set Name Query**  
 side by side

**Hit Count Set Name**  
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L9</u>	L3 and L7	0	<u>L9</u>
<u>L8</u>	L6 and L7	0	<u>L8</u>
<u>L7</u>	(property or properties) with test\$3	121320	<u>L7</u>
<u>L6</u>	L5 and payload	22	<u>L6</u>
<u>L5</u>	L1 and L2	181	<u>L5</u>
<u>L4</u>	L1 and L2 and L3	0	<u>L4</u>
<u>L3</u>	path\$1 near lenght	39	<u>L3</u>
<u>L2</u>	travers\$3 with path\$1 with node\$1	2201	<u>L2</u>
<u>L1</u>	XML or (extensible near markup near language)	40646	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L6 and L7	0

Database:

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 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
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Search:

L8

Refine Search

Recall Text

Clear

Interrupt

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**Set Name**   **Query**  
 side by side

**Hit Count**   **Set Name**  
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L8</u>	L6 and L7	0	<u>L8</u>
<u>L7</u>	(property or properties) with test\$3	121320	<u>L7</u>
<u>L6</u>	L5 and payload	22	<u>L6</u>
<u>L5</u>	L1 and L2	181	<u>L5</u>
<u>L4</u>	L1 and L2 and L3	0	<u>L4</u>
<u>L3</u>	path\$1 near lenght	39	<u>L3</u>
<u>L2</u>	travers\$3 with path\$1 with node\$1	2201	<u>L2</u>
<u>L1</u>	XML or (extensible near markup near language)	40646	<u>L1</u>

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**Refine Search**

Search Results -

Terms	Documents
L1 and XML	2

Database:

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US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L1 and XML

Refine Search

Recall Text

Clear

Interrupt

**Search History**DATE: Thursday, December 21, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L3</u>	L1 and XML	2	<u>L3</u>
<u>L2</u>	L1 and (XML near payload)	1	<u>L2</u>
<u>L1</u>	yi u near leung	23	<u>L1</u>

END OF SEARCH HISTORY

---

**Refine Search**

---

Search Results -

Terms	Documents
L1 and (XML near payload)	1

Database:

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L2

Refine Search

Recall Text

Clear

Interrupt

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**Search History**

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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L2</u>	L1 and (XML near payload)	1	<u>L2</u>
<u>L1</u>	yi u near leung	23	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L4 and (extend\$3 near branch)	0

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
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 JPO Abstracts Database  
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Search:

L5

Refine Search

Recall Text

Clear

Interrupt

### Search History

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**Set Name** **Query**  
 side by side

**Hit Count** **Set Name**  
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L5</u>	L4 and (extend\$3 near branch)	0	<u>L5</u>
<u>L4</u>	(L2 or L3) and (creat\$3 with node)	48	<u>L4</u>
<u>L3</u>	L1 and (payload with node)	86	<u>L3</u>
<u>L2</u>	L1 and (payload with tree)	17	<u>L2</u>
<u>L1</u>	XML or (extensible near markup near language)	40646	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L4 and (extend\$3 with branch)	1

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
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Search:

L6

Refine Search

Recall Text

Clear

Interrupt

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**Set Name**   **Query**  
 side by side

**Hit Count**   **Set Name**  
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L6</u>	L4 and (extend\$3 with branch)	1	<u>L6</u>
<u>L5</u>	L4 and (extend\$3 near branch)	0	<u>L5</u>
<u>L4</u>	(L2 or L3) and (creat\$3 with node)	48	<u>L4</u>
<u>L3</u>	L1 and (payload with node)	86	<u>L3</u>
<u>L2</u>	L1 and (payload with tree)	17	<u>L2</u>
<u>L1</u>	XML or (extensible near markup near language)	40646	<u>L1</u>

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 Terms used [creating XML payload](#) [traversing path](#) [properties extend](#)

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Relevance scale ☐ ☐ ☐ ☐ ☐

# 1 [Databases: ODMG extension of composite objects in OODBMS: a proposal](#)

Xiaoyan Lu, J. Wenny Rahayu, David Tanar

 February 2002 **Proceedings of the Fortieth International Conference on Tools Pacific: Objects for internet, mobile and embedded applications CRPIT '02**

Publisher: Australian Computer Society, Inc.

 Full text available: [pdf\(859.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper proposes an extension of ODMG (Object Data Management Group) standard for the Object-Oriented Database Management Systems (OODBMS). The extension concentrates on composite objects, which provides a new paradigm, and also improves traditional OODBMS to meet the needs arising from the aggregation hierarchy. Currently in ODMG, the semantic of the aggregation relationship is explored at the modelling stage and is described in natural language. To formally specify and verify an aggregation ...

**Keywords:** ODL, ODMG, OIF, OODBMS, aggregation hierarchy, composite objects

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"method generating" + "XML payload node" + "traversing path"



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Relevance scale ☐ ☐ ☐ ☐ ☐

1 [The OODB path-method generator \(PMG\) using access weights and precomputed access relevance](#)

Ashish Mehta, James Geller, Yehoshua Perl, Erich Neuhold

February 1998 **The VLDB Journal — The International Journal on Very Large Data**

**Bases**, Volume 7 Issue 1

**Publisher:** Springer-Verlag New York, Inc.

Full text available: [pdf\(265.48 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

A *path-method* is used as a mechanism in object-oriented databases (OODBs) to retrieve or to update information relevant to one class that is not stored with that class but with some other class. A path-method is a method which traverses from one class through a chain of connections between classes and accesses information at another class. However, it is a difficult task for a casual user or even an application programmer to write path-methods to facilitate queries. This is because it mig ...

**Keywords:** Access relevance, Access weight, OODB queries, Object-oriented databases, Path-method, Traversal algorithms

2 [The OODB path-method generator \(PMG\) using precomputed access relevance](#)



Ashish Mehta, James Geller, Yehoshua Perl, Erich Neuhold

December 1993 **Proceedings of the second international conference on Information and knowledge management**

**Publisher:** ACM Press

Full text available: [pdf\(1.12 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

3 [Databases: ODMG extension of composite objects in OODBMS: a proposal](#)

Xiaoyan Lu, J. Wenny Rahayu, David Tanar

February 2002 **Proceedings of the Fortieth International Conference on Tools Pacific: Objects for internet, mobile and embedded applications CRPIT '02**

**Publisher:** Australian Computer Society, Inc.

Full text available: [pdf\(859.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper proposes an extension of ODMG (Object Data Management Group) standard for the Object-Oriented Database Management Systems (OODBMS). The extension concentrates on composite objects, which provides a new paradigm, and also improves

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**Keywords:** ODL, ODMG, OIF, OODBMS, aggregation hierarchy, composite objects

#### 4 Traversals of object structures: Specification and Efficient Implementation ☐



Karl Lieberherr, Boaz Patt-Shamir, Doug Orleans

March 2004 **ACM Transactions on Programming Languages and Systems (TOPLAS)**,

Volume 26 Issue 2

**Publisher:** ACM Press

Full text available:  [pdf\(333.93 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Separation of concerns and loose coupling of concerns are important issues in software engineering. In this paper we show how to separate traversal-related concerns from other concerns, how to loosely couple traversal-related concerns to the structural concern, and how to efficiently implement traversal-related concerns. The stress is on the detailed description of our algorithms and the traversal specifications they operate on. Traversal of object structures is a ubiquitous routine in most types ...

**Keywords:** Aspect-oriented programming, Low of Demeter, adaptive programming, class graphs, object graphs, strategy graphs, structure-shy software


#### 5 DDD papers: XAspects: an extensible system for domain-specific aspect languages ☐



Macneil Shonle, Karl Lieberherr, Ankit Shah

October 2003 **Companion of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**

**Publisher:** ACM Press

Full text available:  [pdf\(218.84 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Current general aspect-oriented programming solutions fall short of helping the problem of separation of concerns for several concern domains. Because of this limitation good solutions for these concern domains do not get used and the opportunity to benefit from separation of these concerns is missed. By using XAspects, a plug-in mechanism for domain-specific aspect languages, separation of concerns can be achieved at a level beyond what is possible for object-oriented programming languages. As ...


**Keywords:** aspect-oriented programming, domain-specific languages, generative programming, language extensions

#### 6 Using graphs for fast error term approximation of time-varying datasets ☐

C. Nuber, E. C. LaMar, V. Pascucci, B. Hamann, K. I. Joy

May 2003 **Proceedings of the symposium on Data visualisation 2003 VISSYM '03**

**Publisher:** Eurographics Association

Full text available:  [pdf\(3.01 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

We present a method for the efficient computation and storage of approximations of error tables used for error estimation of a region between different time steps in time-varying datasets. The error between two time steps is defined as the distance between the data of these time steps. Error tables are used to look up the error between different time steps of a time-varying dataset, especially when run time error computation is expensive. However, even the generation of error tables itself can be ...

7 Technical poster session 1: multimedia analysis, processing, and retrieval: Mining emergent structures from mixed media For content retrieval



Jamie Ng, Kanagasabai Rajaraman, Edward Altman

October 2004 **Proceedings of the 12th annual ACM international conference on Multimedia**

**Publisher:** ACM Press

Full text available:  pdf(325.63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we present a novel approach for retrieval of thematic video content from mixed media. Based on the principles of conceptual blending, information from different media is mined for emergent structures from mixed media. We have built a system, called OntoMedia, to test the efficacy of this approach over traditional methods for media retrieval. The system employs an ontology as a unified indexing scheme for associated text documents for the mixed media content. By applying graph th ...

**Keywords:** mixed media mining, ontology, unified indexing, video retrieval

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Ashish Mehta, James Geller, Yehoshua Perl, Erich Neuhold

February 1998 **The VLDB Journal — The International Journal on Very Large Data**

**Bases**, Volume 7 Issue 1

**Publisher:** Springer-Verlag New York, Inc.

Full text available: [pdf\(265.48 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

A *path-method* is used as a mechanism in object-oriented databases (OODBs) to retrieve or to update information relevant to one class that is not stored with that class but with some other class. A path-method is a method which traverses from one class through a chain of connections between classes and accesses information at another class. However, it is a difficult task for a casual user or even an application programmer to write path-methods to facilitate queries. This is because it mig ...

**Keywords:** Access relevance, Access weight, OODB queries, Object-oriented databases, Path-method, Traversal algorithms

2 [The OODB path-method generator \(PMG\) using precomputed access relevance](#)



Ashish Mehta, James Geller, Yehoshua Perl, Erich Neuhold

December 1993 **Proceedings of the second international conference on Information and knowledge management**

**Publisher:** ACM Press

Full text available: [pdf\(1.12 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

3 [Databases: ODMG extension of composite objects in OODBMS: a proposal](#)

Xiaoyan Lu, J. Wenny Rahayu, David Taniar

February 2002 **Proceedings of the Fortieth International Conference on Tools Pacific: Objects for internet, mobile and embedded applications CRPIT '02**

**Publisher:** Australian Computer Society, Inc.

Full text available: [pdf\(859.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper proposes an extension of ODMG (Object Data Management Group) standard for the Object-Oriented Database Management Systems (OODBMS). The extension concentrates on composite objects, which provides a new paradigm, and also improves

traditional OODBMS to meet the needs arising from the aggregation hierarchy. Currently in ODMG, the semantic of the aggregation relationship is explored at the modelling stage and is described in natural language. To formally specify and verify an aggregation ...

**Keywords:** ODL, ODMG, OIF, OODBMS, aggregation hierarchy, composite objects

#### 4 Traversals of object structures: Specification and Efficient Implementation



Karl Lieberherr, Boaz Patt-Shamir, Doug Orleans

March 2004 **ACM Transactions on Programming Languages and Systems (TOPLAS)**,

Volume 26 Issue 2

**Publisher:** ACM Press

Full text available: pdf(333.93 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Separation of concerns and loose coupling of concerns are important issues in software engineering. In this paper we show how to separate traversal-related concerns from other concerns, how to loosely couple traversal-related concerns to the structural concern, and how to efficiently implement traversal-related concerns. The stress is on the detailed description of our algorithms and the traversal specifications they operate on. Traversal of object structures is a ubiquitous routine in most types ...

**Keywords:** Aspect-oriented programming, Low of Demeter, adaptive programming, class graphs, object graphs, strategy graphs, structure-shy software

#### 5 DDD papers: XAspects: an extensible system for domain-specific aspect languages



Macneil Shonle, Karl Lieberherr, Ankit Shah

October 2003 **Companion of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**

**Publisher:** ACM Press

Full text available: pdf(218.84 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Current general aspect-oriented programming solutions fall short of helping the problem of separation of concerns for several concern domains. Because of this limitation good solutions for these concern domains do not get used and the opportunity to benefit from separation of these concerns is missed. By using XAspects, a plug-in mechanism for domain-specific aspect languages, separation of concerns can be achieved at a level beyond what is possible for object-oriented programming languages. As ...

**Keywords:** aspect-oriented programming, domain-specific languages, generative programming, language extensions

#### 6 Using graphs for fast error term approximation of time-varying datasets



C. Nuber, E. C. LaMar, V. Pascucci, B. Hamann, K. I. Joy

May 2003 **Proceedings of the symposium on Data visualisation 2003 VISSYM '03**

**Publisher:** Eurographics Association

Full text available: pdf(3.01 MB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

We present a method for the efficient computation and storage of approximations of error tables used for error estimation of a region between different time steps in time-varying datasets. The error between two time steps is defined as the distance between the data of these time steps. Error tables are used to look up the error between different time steps of a time-varying dataset, especially when run time error computation is expensive. However, even the generation of error tables itself can be ...

7 Technical poster session 1: multimedia analysis, processing, and retrieval: Mining emergent structures from mixed media For content retrieval



Jamie Ng, Kanagasabai Rajaraman, Edward Altman

October 2004 **Proceedings of the 12th annual ACM international conference on Multimedia**

**Publisher:** ACM Press

Full text available: pdf(325.63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we present a novel approach for retrieval of thematic video content from mixed media. Based on the principles of conceptual blending, information from different media is mined for emergent structures from mixed media. We have built a system, called OntoMedia, to test the efficacy of this approach over traditional methods for media retrieval. The system employs an ontology as a unified indexing scheme for associated text documents for the mixed media content. By applying graph th ...

**Keywords:** mixed media mining, ontology, unified indexing, video retrieval

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1 **Databases: ODMG extension of composite objects in OODBMS: a proposal**



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February 2002 **Proceedings of the Fortieth International Conference on Tools Pacific: Objects for internet, mobile and embedded applications CRPIT '02**

**Publisher:** Australian Computer Society, Inc.

Full text available: pdf(859.97 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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### 1 [Performance of service oriented systems: Speed-up SOAP processing by data](#)

☐

#### [mapping template](#)

Wei Jun, Hua Lei, Niu Chunlei

 May 2006 **Proceedings of the 2006 international workshop on Service-oriented software engineering SOSE '06**

Publisher: ACM Press

 Full text available: [pdf\(245.04 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Web Services is gaining popularity in distributed computing due to its loosely-coupled, high-interoperable and platform-independent characteristics. However, web services suffers performance penalty because XML based SOAP is used to specify wire message format, and SOAP processing largely affects the performance of web services. In this paper, we identify that data model mapping between XML data and Java data is the main impact factor on performance, and propose a new paradigm of data model mapp ...

**Keywords:** SOAP, context free grammar, data mapping template, dynamic early binding, web services

### 2 [Session 4: Web service applications: Towards securing XML Web services](#)

☐

#### Ernesto Damiani, Sabrina De Capitani di Vimercati, Pierangela Samarati

 November 2002 **Proceedings of the 2002 ACM workshop on XML security**

Publisher: ACM Press

 Full text available: [pdf\(198.65 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Security is currently one of the main concerns about XML Web services. Several initiatives are currently ongoing aimed at achieving a standardized way for supporting integrity, confidentiality, and access control for XML Web services. This paper looks into these approaches and gives some hints for future research.

**Keywords:** SOAP, Web services, access control

### 3 [Fine grained access control for SOAP E-services](#)

☐

#### Ernesto Damiani, Sabrina De Capitani di Vimercati, Stefano Paraboschi, Pierangela Samarati

 April 2001 **Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM Press

Full text available:  [pdf\(258.34 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** SOAP, XML, access control, certificates, roles

#### 4 [Performance of service oriented systems: Model driven benchmark generation for web services](#)



Liming Zhu, Ian Gorton, Yan Liu, Ngoc Bao Bui

May 2006 **Proceedings of the 2006 international workshop on Service-oriented software engineering SOSE '06**

**Publisher:** ACM Press

Full text available:  [pdf\(446.80 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Web services solutions are being increasingly adopted in enterprise systems. However, ensuring the quality of service of Web services applications remains a costly and complicated performance engineering task. Some of the new challenges include limited controls over consumers of a service, unforeseeable operational scenarios and vastly different XML payloads. These challenges make existing manual performance analysis and benchmarking methods difficult to use effectively. This paper describes an ...

**Keywords:** MDA, code, model-driven development, performance, testing

#### 5 [Applications: Using XForms to simplify Web programming](#)



Richard Cardone, Danny Soroker, Alpna Tiwari

May 2005 **Proceedings of the 14th international conference on World Wide Web**

**Publisher:** ACM Press

Full text available:  [pdf\(1.03 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The difficulty of developing and deploying commercial web applications increases as the number of technologies they use increases and as the interactions between these technologies become more complex. This paper describes a way to avoid this increasing complexity by re-examining the basic requirements of web applications. Our approach is to first separate client concerns from server concerns, and then to reduce the interaction between client and server to its most elemental: parameter passing. ...

**Keywords:** J2EE, MVC, Web application, XForms, XMLBeans, eclipse, visual builder

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IEE CNF IEE Conference Proceeding

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Data Compression Conference, 2002. Proceedings. DCC 2002  
 2-4 April 2002 Page(s):467  
 Digital Object Identifier 10.1109/DCC.2002.1000010  
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